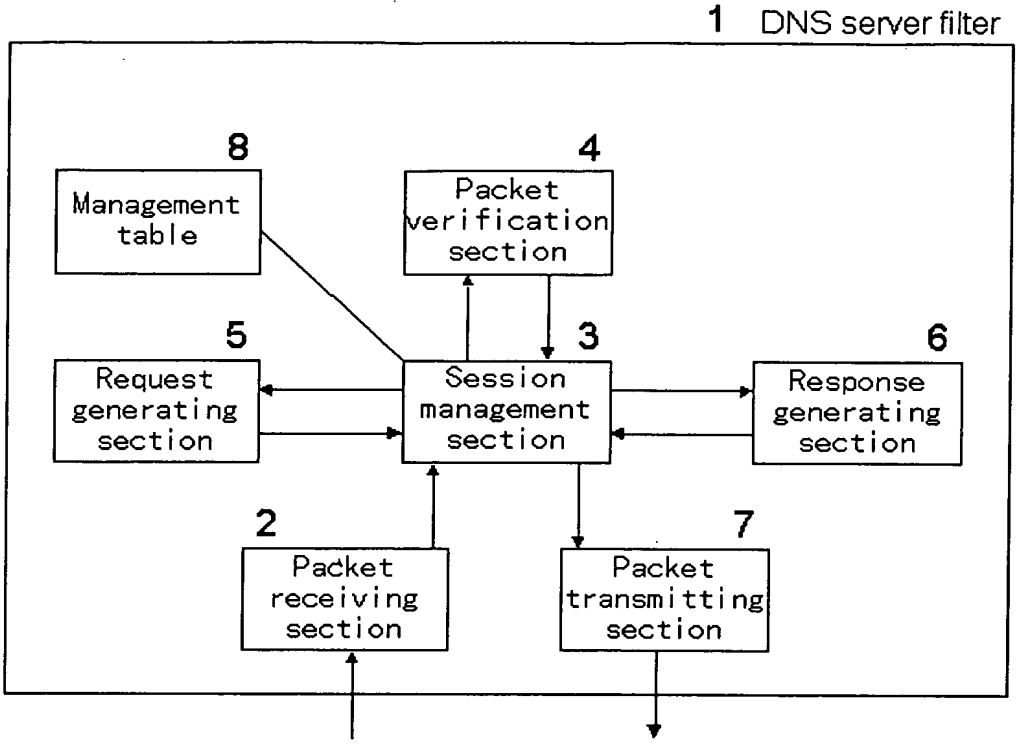
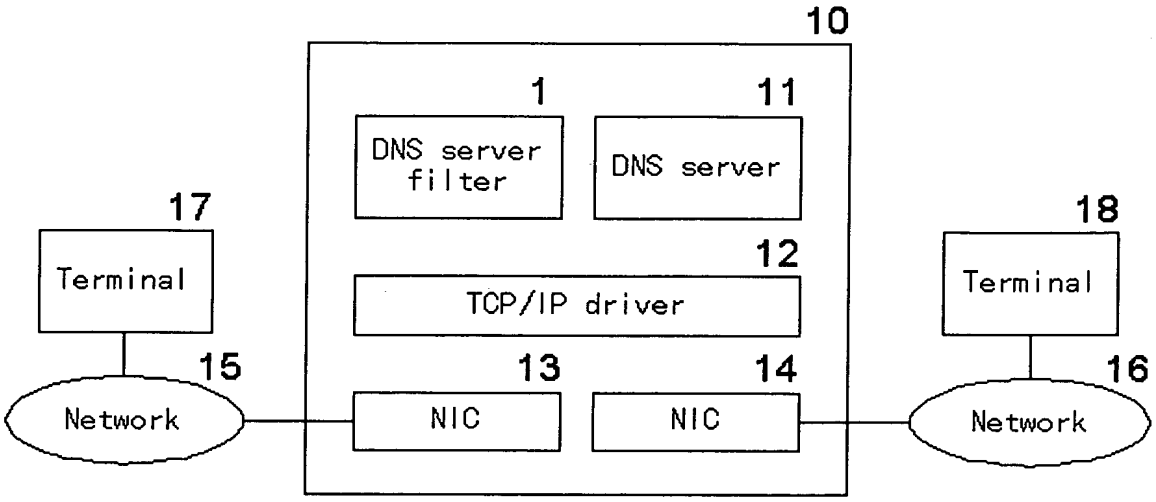
Fig.1



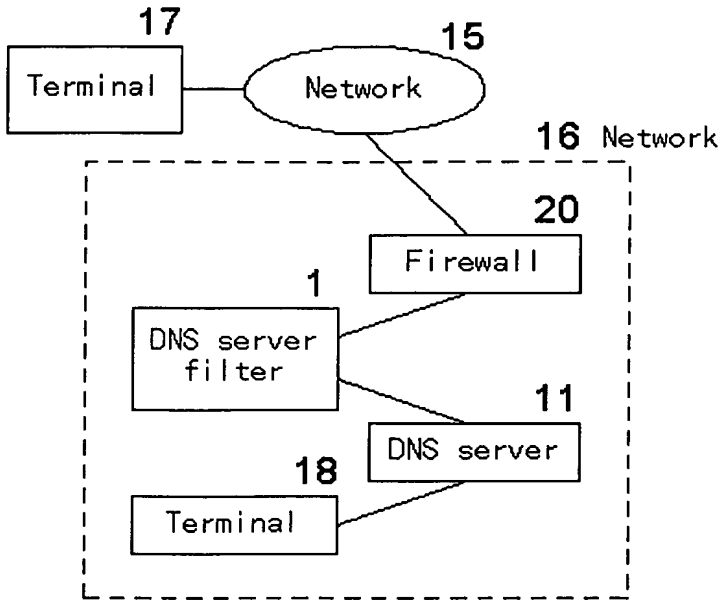
JP2005-174001

Fig.2



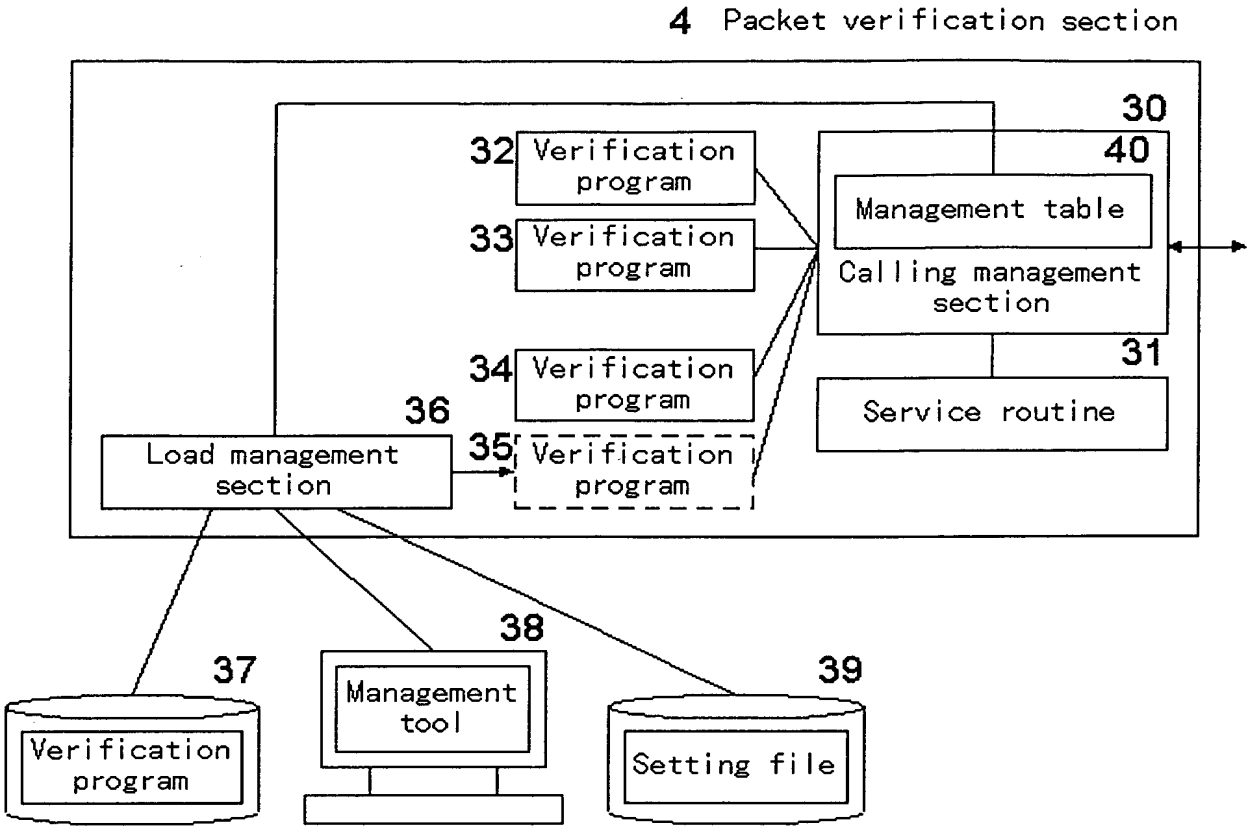
JP2012048360

Fig.3



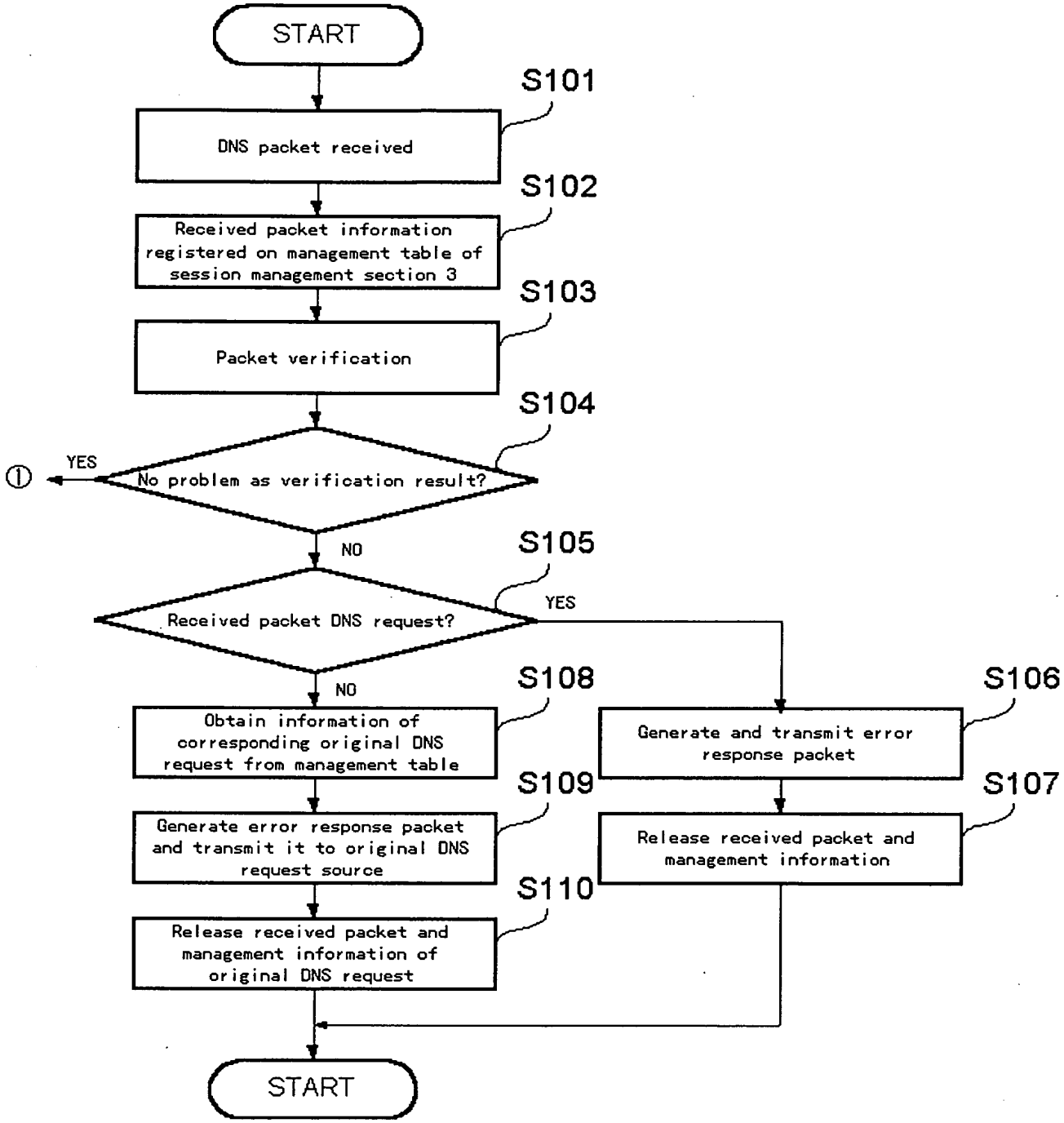
JP2005-346269A

Fig.4



EP2070-4-T5052/50

Fig.5



JP2015094259A

Fig.6

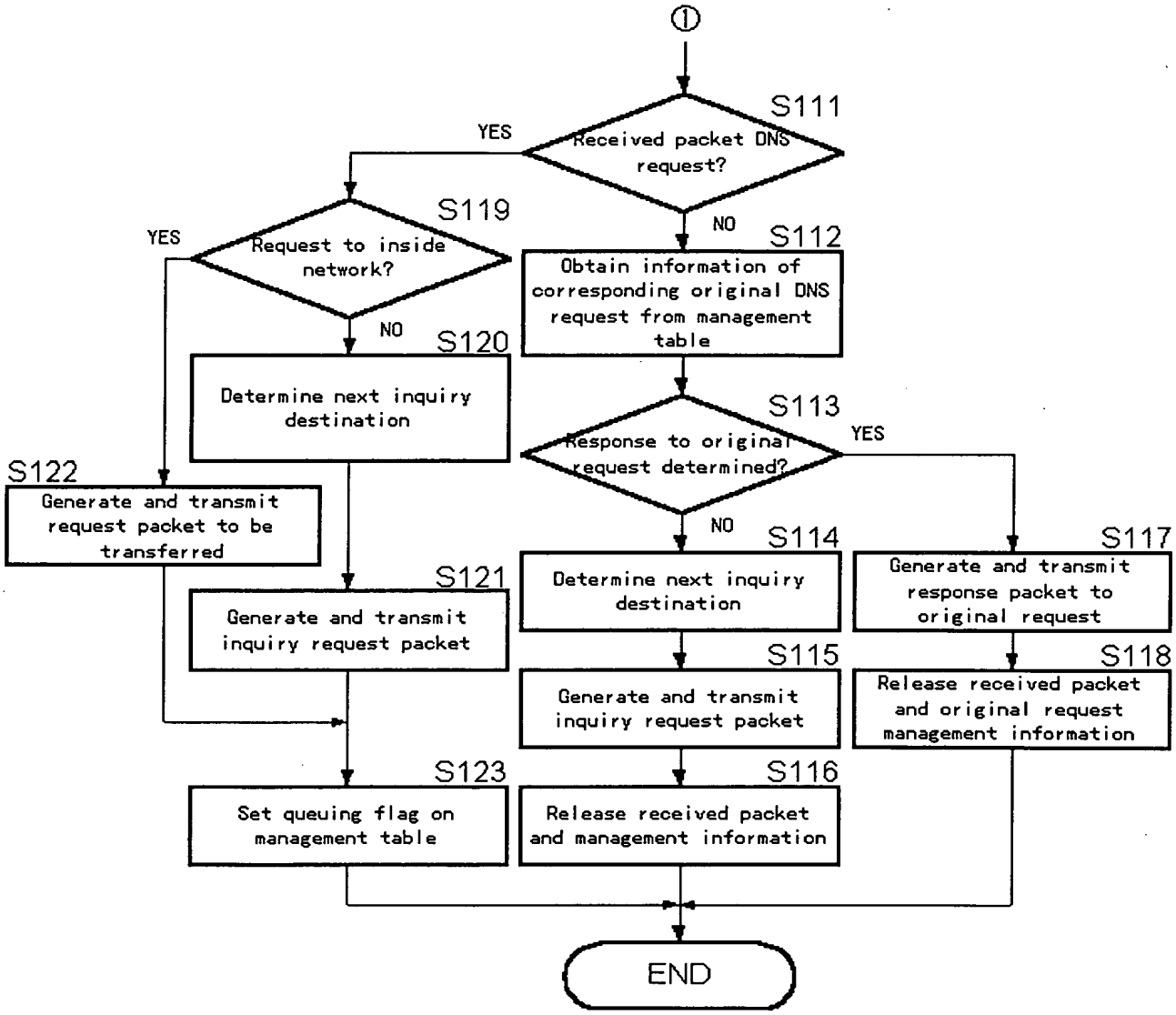
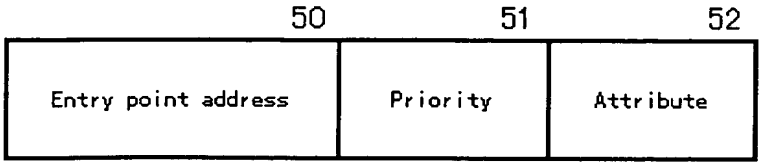
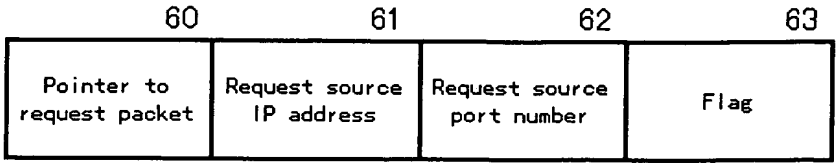

①
S111
Received packet DNS request?
YES
NO
S119
Request to inside network?
YES
NO
S112
Obtain information of corresponding original DNS request from management table
S120
Determine next inquiry destination
S113
Response to original request determined?
YES
NO
S122
Generate and transmit request packet to be transferred
S121
Generate and transmit inquiry request packet
S114
Determine next inquiry destination
S117
Generate and transmit response packet to original request
S115
Generate and transmit inquiry request packet
S118
Release received packet and original request management information
S123
Set queuing flag on management table
S116
Release received packet and management information
END

Fig.7



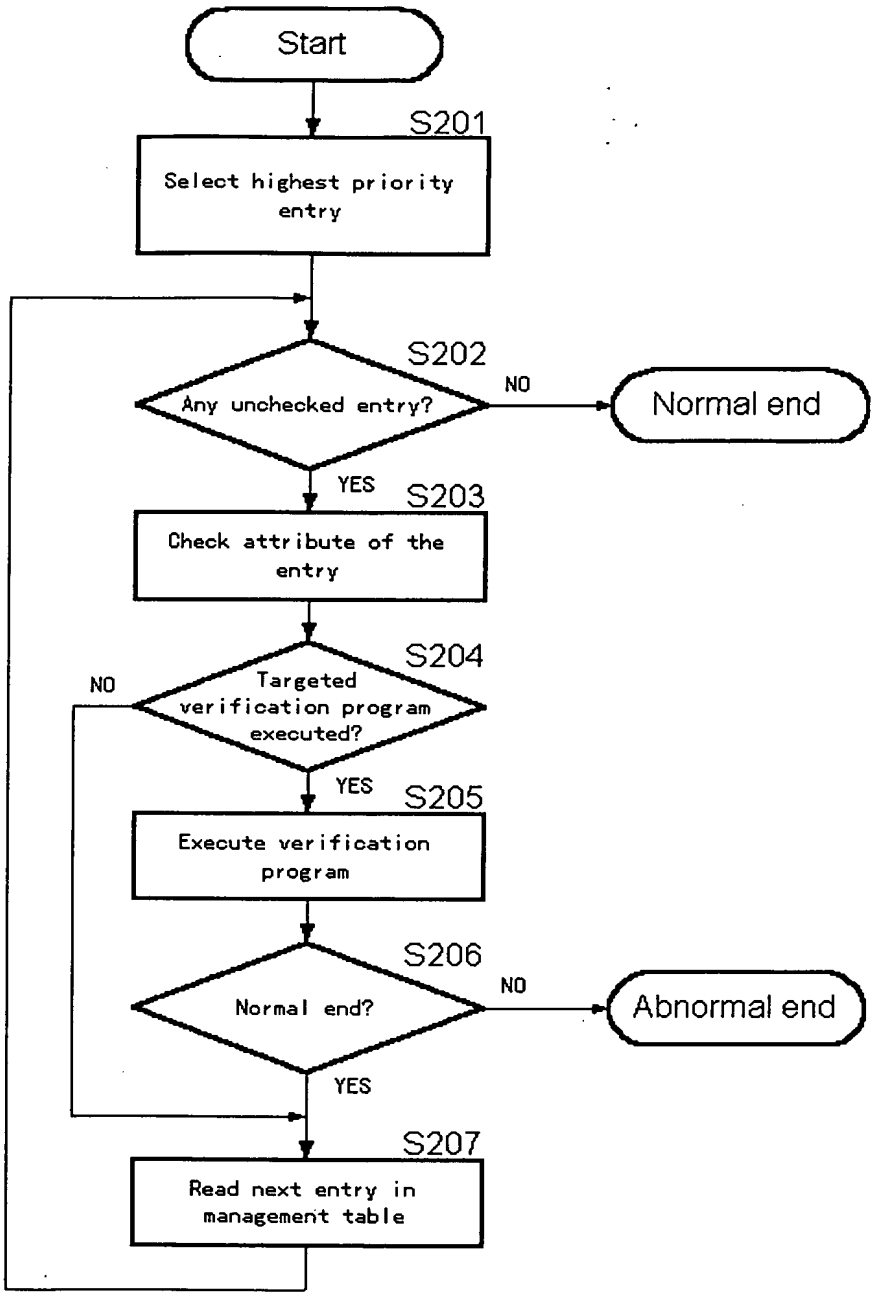
JP2001-350634 A 2001.12.21

Fig.8



EP 0 752 796 A2

Fig.9


Start
S201
Select highest priority entry
S202
Any unchecked entry?
NO
Normal end
YES
S203
Check attribute of the entry
S204
Targeted verification program executed?
NO
YES
S205
Execute verification program
S206
Normal end?
NO
Abnormal end
YES
S207
Read next entry in management table